



**SYLLABUS**  
**FRONT END**  
**WEB DEVELOPER**

[www.somosvla.com](http://www.somosvla.com)

# Front End Web Developer

## General Information:

The Master in Web Developer is a program designed for individuals who wish to acquire competent skills as a Front-End developer. It is designed to start from scratch, without any previous requirements, and progress through a world of technologies, covering both Junior and Senior levels, mastering over 10 languages, technologies, and libraries in our knowledge portfolio. Laboratories and practical sessions will be included to build our presentation portfolio. With just the first module, participants will be equipped to work professionally.

### 1.1 Objective:

Front-End Web Developer

### 1.2 Level:

Junior/Senior

### 1.3 Course Duration :

7 Months / 28 weeks

### 1.4 Number of working hours and

168 hours / 28 Weeks

## General Information:

The online mode allows participants to study on our digital platform and attend a session via Zoom according to the assigned schedule. This session consists of a series of virtual meetings where participants will have access to all supporting materials provided in class. There will be group periods for recreation and professional support from the assigned instructor. Access to world-class speakers for constant updates on topics and case studies to share reflections with other students as a learning opportunity. All necessary technologies to become a Front-End Web Developer. Knowledge of different work tools to enhance productivity.

## Requirements :

- ✓ Computer with internet connection
- ✓ Basic computer skills

## Objectives:

- ✓ Introduction to HTML
- ✓ Starting with HTML
- ✓ Applying design and styles to our website
- ✓ Advanced css structures
- ✓ Responsive techniques
- ✓ Adding interaction
- ✓ Introduction to programming language
- ✓ Object-oriented javascript
- ✓ Javascript http request programming language
- ✓ Introduction to typescript and nodejs
- ✓ Advanced js course
- ✓ Angular course
- ✓ React course
- ✓ VUE JS COURSE

## Methodology:

The Master Web Developer course is based on a theoretical-practical approach, facilitating material absorption and guiding students from zero knowledge to a senior level. This enables students to enter the job market with the acquired knowledge of HTML, CSS, and JavaScript.

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## Content:

**Week 1-24** Junior **Week 25** Senior

- ✓ **Week 1**  
Introduction to HTML  
Welcome  
Introduction to HTML  
History  
Presentation:  
S1-Introduction.pdf
- ✓ **Week 2**  
Setting up the work environment  
Visual Code  
Extensions to work with HTML  
Github  
Create a GitHub account  
Presentations:  
S2-GitHub.pdf  
S3-Installers.pdf
- ✓ **Week 3**  
Starting with HTML  
Explain  
TAGS  
Selectors  
HTML structure  
Presentation:  
S3-htmltags.pdf  
HTML tag exercises (S3 exercises)

- ✓ **Week 4**
  - Applying Design and Styles to Our Website
  - Explain
  - Figma
  - HTML and CSS
  - Presentation
  - S4-Figma.pdf
  - S5-HTML.pdf
- ✓ **Week 5**
  - Create my first website, based on a topic of the student's preference
  - Mini project without styles
  - Document S5 Mini project
- ✓ **Week 6**
  - Advanced CSS Structures
  - Explain
  - CSS
  - Presentation
  - S6-CSS.pdf
  - S7-CSS.pdf
  - Development of a second website with CSS
  - Document S7 Mini project-With CSS
- ✓ **Week 7**
  - Responsive Techniques
  - Explain
  - Responsive CSS
  - Presentation
  - S8-Css Flex
  - Development of a third website with responsive design
  - Document S8 Mini project-With Responsive Styles
- ✓ **Week 8**
  - Bootstrap
  - Explain
  - BootstrapPresentation
  - S9-Bootstrap
  - Development of a fourth website with Bootstrap
  - S9 Mini project-With Bootstrap 5 framework
- ✓ **Week 9**
  - Introduction to Programming Language
  - Explain
  - Programming logic
  - Presentation
  - S10-Javascript
- ✓ **Week 10**
  - Practices
  - Practices
  - JS Exercises (S10 JS)
- ✓ **Week 11**
  - Object-Oriented JavaScript
  - Explain object-oriented programming
  - Presentation
  - S11-Json.pdf
- ✓ **Week 12**
  - JavaScript Programming
  - xlanguage HTTP Request
  - Explanation of Fetch against an API
  - JavaScript project using APIs
  - S11-Project Document JS
- ✓ **Week 13**
  - Advanced JS Course
  - JavaScript project using APIs

- ✓ **Week 14**
  - JavaScript project using APIs
  - JavaScript project using APIs
  - Senior Part Begins
- ✓ **Week 15**
  - JQuery Framework
  - Explanation of the framework
  - Presentation
  - S12- JQuery
  - JQuery Project
  - Document S12- JQuery Project
- ✓ **Week 16**
  - JQuery Project
  - JQuery Project
  - Project query resolution
- ✓ **Week 17**
  - JQuery Project
  - JQuery Project
  - Project query resolution
- ✓ **Week 18**
  - Introduction to Typescript and nodejs
  - Explanation of Typescript
  - Presentation
  - S13-Typescript and Angular
- ✓ **Week 19**
  - Angular Course
  - Explanation of Typescript
  - Presentation
  - S14-Introduction to Frameworks
- ✓ **Week 20**
  - Angular Project
  - Angular Project
  - Document S14- Angular Project
  - Project query resolution
- ✓ **Week 21**
  - Angular Project
  - Angular Project
  - Project query resolution
- ✓ **Week 22**
  - React Course
  - Explanation of React
  - Presentation
  - S15-React
  - React Project
  - Document S15-React Project
- ✓ **Week 23**
  - React Project
  - React Project
- ✓ **Week 24**
  - React Project
  - React Project
  - Project query resolution
- ✓ **Week 25**
  - Vue JS Course
  - Explanation of Vue JS
  - Presentation
  - S 16-Vue.pdf
  - Vue JS Project
  - Document S16-Vuejs Project
- ✓ **Week 26**
  - Vue JS Project
  - Vue JS Project
- ✓ **Week 27**
  - Vue JS Project
  - Vue JS Project
- ✓ **Week 28**
  - Final Project
  - Final project query resolution

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